

ABSTRACT OF THE DISCLOSURE

A system and method for reducing polarization dependent loss in optical circuits is disclosed. The system includes a first optical device having an output, and a polarization controller optically coupled to the first optical device for adjusting a polarization state of the output of the first optical device. The system further includes a second optical device optically coupled to the polarization controller. Adjusting the polarization state of the output of the first optical device alters a total polarization-dependent loss for the cascaded device system. A series of fiber optic loops can be used to adjust the output of the first optical device. A PDL measuring device can be inserted after the second optical device to provide feedback to the polarization controller, so that the controller may be tuned to adjust the polarization to a desired state.

WORKMAN NYDEGGER
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111

W:\15436\249.35.1\VLK0000000110V001.doc